

EasySMX X20

EasySMX X20 Wireless Gaming Controller User Manual

Model: X20 | Brand: EasySMX

1. INTRODUCTION

Welcome to the EasySMX X20 Wireless Gaming Controller User Manual. This guide provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new gaming controller. The EasySMX X20 is designed for multi-platform compatibility, offering an enhanced gaming experience across various devices.

Compatibility: PC, Nintendo Switch, Steam, Android devices. Please note: This controller is **not compatible** with Xbox, Luna, and Nvidia GeForce Now.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Elite 2-Way Trigger Lock:** Customize trigger sensitivity with two adjustable positions for faster actions in FPS games or smooth control in racing games, utilizing Hall Effect Linear triggers.
- **Detachable Hall Sticks:** Enhance versatility with thumbsticks that can be detached and reattached at different angles and heights for personalized playstyle and ergonomic needs.
- **Ultra-Fast 1000Hz Polling Rate:** Achieve virtually no input lag in both wired and 2.4G wireless modes, ensuring speed and precision.
- **Full Mecha-tactile Buttons:** Enjoy distinct clicky feedback and quicker responses from mechanical buttons on ABXY, shoulders, and D-pad.
- **Motion Control on Multi-Platforms:** Experience precise and immersive motion controls with 6-Axis Gyro technology, compatible with Switch, PC, and mobile devices.
- **Dynamic RGB Backlit:** Fully customizable RGB lighting to sync with your style or game environment.

2.2 Controller Components

Familiarize yourself with the main components of your EasySMX X20 controller:



Figure 2.1: Front view of the EasySMX X20 Wireless Gaming Controller, showcasing the RGB lighting on the joysticks and side grips, along with the ABXY buttons and D-pad.

- **Left/Right Joysticks:** Hall Effect sticks for precise analog input.
- **ABXY Buttons:** Mechanical face buttons for quick actions.
- **D-Pad:** Tactile directional pad.
- **Shoulder Buttons (LB/RB):** Mechanical buttons.
- **Triggers (LT/RT):** Hall Effect Linear triggers with 2-way lock switches.
- **M1/M2/M3/M4 Buttons:** Four programmable back paddles for custom commands.
- **USB-C Port:** For wired connection and charging.
- **Function Buttons:** Home, Select, Start, Share, and other specific function buttons.

3. SETUP

3.1 Connecting the Controller

The EasySMX X20 offers multiple connection methods:

- **2.4GHz Wireless (PC/Steam/Smart TV):** Insert the included USB dongle into an available USB port on your device. The controller will automatically connect.
- **Bluetooth (Android/iOS/Switch):** Enable Bluetooth on your device. On the controller, press and hold the Bluetooth pairing button (refer to manual for exact button). Select "EasySMX X20" from the list of available devices to pair. For Nintendo Switch, ensure the console is out of the dock when pairing.
- **Wired (PC/Android TV/Steam Deck):** Connect the controller to your device using the provided USB-C cable. The controller will be recognized automatically.



Figure 3.1: Visual representation of the EasySMX X20's multi-platform compatibility, showing connections via 2.4GHz, Bluetooth, and Wired modes to various devices like PC, Switch, and mobile.

3.2 Initial Calibration

For optimal precision, perform a self-calibration upon first use or if you experience any drift:

1. Hold the 'C' button and 'Start' button simultaneously for 5 seconds to enter calibration mode.
2. Rotate both joysticks fully in a circular motion three times.
3. Pull both triggers (LT and RT) fully three times.
4. Press the 'C' and 'Start' buttons again to exit calibration mode.

3.3 Attaching Detachable Thumbsticks

The EasySMX X20 features detachable Hall Effect thumbsticks, allowing for height adjustment and easy replacement. To attach or reattach a thumbstick, align it with the base and gently press down until it clicks into place. Ensure it is securely seated before use.

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Video 3.1: Instructions on how to correctly place the removable thumbsticks on the EasySMX X20 controller, demonstrating the proper alignment and attachment process.

4. OPERATING INSTRUCTIONS

4.1 Trigger Lock Adjustment

The 2-way trigger lock allows you to switch between linear and microswitch modes for the LT/RT triggers. This physical switch is located near each trigger on the underside of the controller.

- **Linear Mode (9mm travel):** Ideal for racing games, providing smooth, proportional input.
- **Microswitch Mode (0.3mm travel):** Perfect for FPS games, offering a crisp, short-travel click for rapid firing.

Hall Trigger With 2-way Lock



Linear & Microswitch



Figure 4.1: Detailed view of the Hall Trigger with 2-way Lock feature on the EasySMX X20 controller, illustrating the difference between Linear (9mm keystroke) and Microswitch (0.3mm ultra-short keystroke) modes.

4.2 Dynamic RGB Backlighting

Customize the controller's aesthetic with dynamic RGB lighting. The X20 offers three light modes: Breathing, Colorful, and Off. Refer to the controller's quick start guide for specific button combinations to cycle through these modes.



Figure 4.2: The EasySMX X20 controller illuminated with vibrant RGB lighting, demonstrating various color combinations and light modes.

4.3 Programmable Back Buttons (M1-M4)

The four programmable back buttons (M1, M2, M3, M4) allow for remapping and custom macros, enhancing your gameplay. Consult the included quick start guide for detailed instructions on how to program these buttons.

Your browser does not support the video tag.

Video 4.1: A step-by-step guide on setting up the M1, M2, M3, and M4 programmable buttons on the EasySMX X20 controller, showing how to enter programming mode and assign functions.

5. ADVANCED FEATURES

5.1 6-Axis Gyro Motion Control

The integrated 6-Axis Gyro technology provides precise motion controls, particularly useful for games on Nintendo Switch, PC, and compatible mobile devices. This feature allows for immersive gameplay by tracking your physical movements.



Figure 5.1: The EasySMX X20 controller demonstrating gyroscopic movement support across multiple platforms, including Switch, PC, and mobile devices.

5.2 1000Hz Polling Rate

The 1000Hz polling rate ensures ultra-low latency and virtually no input lag, providing a competitive edge in fast-paced games. This high polling rate is active in both wired and 2.4G wireless modes.

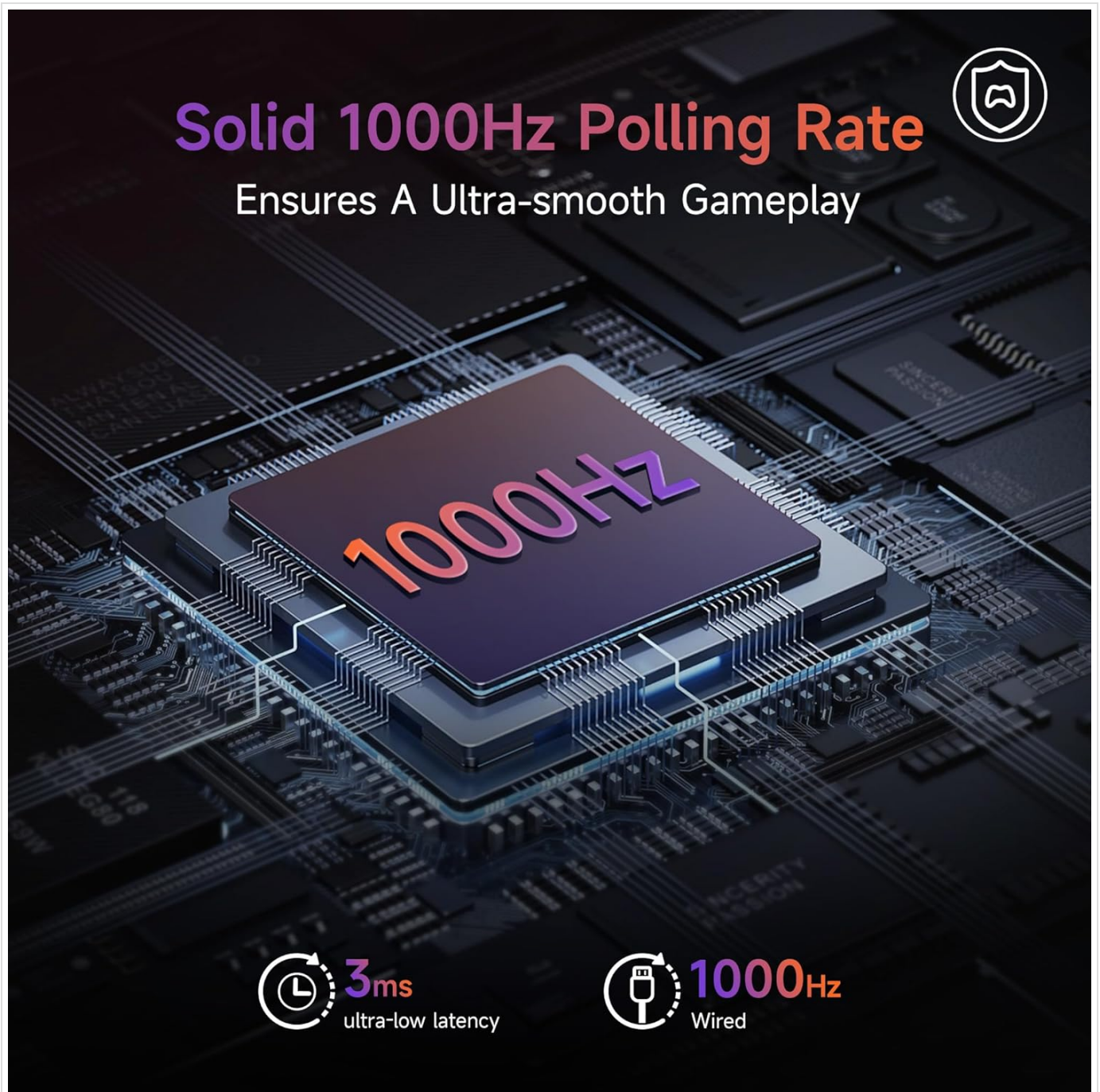


Figure 5.2: An illustration highlighting the 1000Hz polling rate of the EasySMX X20 controller, emphasizing its ultra-low latency for smooth gameplay.

5.3 Adjustable Vibration

The controller features a 5-level adjustable vibration system, allowing you to customize the intensity of haptic feedback to your preference. This can enhance immersion or be adjusted for comfort during long gaming sessions.



Figure 5.3: The EasySMX X20 controller showcasing its 5-level adjustable vibration feature, allowing users to customize haptic feedback intensity.

6. MAINTENANCE

6.1 Cleaning

To maintain your controller's performance and appearance, regularly wipe it with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters the ports or internal components. Avoid harsh chemicals or abrasive materials.

6.2 Battery Information

The EasySMX X20 is equipped with an enlarged 1000mAh battery. A full charge typically takes 2-3 hours and provides approximately 8-10 hours of playing time. Charge the controller using the provided USB-C cable.



Figure 6.1: Illustration of the EasySMX X20's 1000mAh battery, highlighting its charging time (2-3 hours) and playing time (8-10 hours).

6.3 Storage

Store the controller in a cool, dry place away from direct sunlight, extreme temperatures, and humidity. When not in use for extended periods, ensure the controller is fully charged before storage to preserve battery health.

7. TROUBLESHOOTING

If you encounter issues with your EasySMX X20 controller, please refer to the following common solutions:

- **Connectivity Issues:** Ensure the USB dongle is securely inserted for 2.4GHz connection, or that Bluetooth is enabled and paired correctly for wireless connections. Try re-pairing the controller.
- **Charging Problems:** Some USB-C cables may not fit properly due to the recessed port design. Always use the included USB-C cable for reliable charging. Ensure the charging indicator lights are active.
- **Input Lag/Drift:** Perform the initial calibration steps outlined in Section 3.2. Ensure the controller's firmware is up to date (check EasySMX official website for updates).
- **Buttons Unresponsive:** Ensure the controller is fully charged. If specific buttons are unresponsive, try the calibration process.
- **General Performance:** Restart the controller and the connected device. Ensure there are no strong electromagnetic interferences nearby.

If problems persist, please contact EasySMX customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	X20
Dimensions	6.5 x 4.7 x 2.7 inches
Item Weight	11.2 ounces
Battery Type	1 Lithium Polymer battery (included)
Manufacturer	EasySMX
Country of Origin	China
First Available	August 17, 2024

9. WARRANTY AND SUPPORT

EasySMX provides customer support for the X20 Wireless Gaming Controller. For any inquiries, technical assistance, or warranty claims, please contact the manufacturer directly.

- **Manufacturer:** EasySMX Co., Limited
- **Email Support:** support@easysmx.com
- **Official Website:** www.easysmx.com

Please retain your proof of purchase for warranty purposes. The product typically comes with a 30-day return policy from the date of purchase.

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